Mohave County Miner.

VOL. XXI. KINGMAN, ARIZONA, MAY 2, 1903 NO. 30

General Mining News.

The Chicago owners of the old Vulture mine are preparing to resume operations there on an extensive scale. Preliminary work is already going on but the principal operation will be the sinking of a thousand foot shaft. All the workings will be new. The operations will be carried on under the direction of George W. Sanders who has had charge of the property for several years.—Journal Miner.

Life is once more to be breathed into the old Ajo copper mines. For nearly 100 years they have been worked at irregular intervals. First, crudely, by the Mexicans, then, by an adventurous band of American pioneers, again by Mexicans, and again by Americans for all time. When first opened, they produced much native copper and considerable traffic was kept up between the mines and the gulf coast. All at once the mines were abandoned. The camp was suddenly attacked by an overwhelming force of Apaches, and men, women and children were murdered by the wholesale. All northern Sonora was in mourning over the Ajo massacre.—Arizona Sentinel.

What may prove to be one of the biggest things in the way of a mineral find ever located in Arizona, has just been appropriated by two Prescott men, who returned from beyond Globe yesterday afternoon. The men are M. L. Shackelford and M. C. Jolly. The deposit of asbestos is about three miles long. It is located at the head of Pinto creek, 35 miles from Globe. The samples shown us were claimed to be a general average of the deposit. Some of the pieces were pure asbestos. The fibers, when placed in water, softened like cotton cloth. Thirty-six claims were located in all. After being crushed and the rock washed out, asbestos is worth about 24 $ per ton. The value ranges according to the length of the fibers. Work will be done shortly on the property and its value further prospected. If it is as it appears now, the fortunes of those interested are made.—Prescott Herald.

E. M. Clark has installed a steam pump and steam hoist on his Chicago mine on Groom creek and is getting ready for doing business on a thoroughly systematic scale. The pump has been in operation for some time and the water has all been taken out of the shaft. As the property has been idle for about fifteen years the timbers are naturally in bad shape and the mine will have to be retimbered thoroughly. The shaft on the Chicago is 150 feet deep and just as soon as it is retimbered safely, sinking will be commenced and will be continued to a depth of at least 500 feet. How much deeper it will be sunk will depend upon what is found down to that depth. The Chicago has all the indications of making a good big mine. The work is being done under the management and supervision of Geo. Wood, an experienced mining man, and if there is anything in the property he will surely find it.—Journal Miner.

It has often been remarked that most of the great mines of the country have been discovered accidentally. What has all the ear marks of a very important discovery was made a few days ago a half mile east of Mayer. While it was not altogether an accidental find, it can be classed almost as such as it was made in a section that has been traveled over for the past thirty years and within a very short distance of the wagon road running between Mayer and Stoddard. The lucky discoverers are Messrs. Thorton and Kinsley and another man whose name was not learned. While prospecting in the place named one of them noticed a cropping of white quartz and in breaking it open found a great handful of quartz inside of it that was studded with gold. The sample would run away in the thousands. They immediately started work on it and are now down twenty-five feet where the ledge is eight feet wide and contains high grade ore. Of course the whole eight feet is not of the quality mentioned above, but it is rich enough to satisfy almost any one and encourage him to keep digging. Samples of the ore from the above find were brought into Prescott today and they are certainly beauties and such as would delight the heart of a prospector.—Journal Miner.

The Warren district is in the front rank of copper producers. Our fondest desire is to keep it there says the Bisbee Review. Everything in this section bears a legitimate brand, we intend it always shall. We have two producers which are absolute record breakers. The old pioneer company, "The Copper Queen," for twenty-two years has sprung one surprise upon another on the mining world, until today it ranks among the most remarkable and unfailing producers in the history of the industry. The Calumet & Arizona is scarcely two years old, yet it has brought forth marvelous results. In that short period it has developed the mine, put in a first class smelting plant of a capacity of 600 tons per day, opened up the finest silicate dyke in the territory, put up one of the finest hoists on the coast, and are pulling the richest copper ore on record out of a double compartment shaft in quantities commensurate with the capacity of the smelter. Besides this, several other properties have practically become producers, such as the Lowell, the Gardner, the Calumet & Pittsburg and the South Bisbee No. 2. On the side, the Modern, on the extreme north has not gone beyond the 200, and the prospects, it must be conceded are absolutely flattering for the amount of development which has been accomplished. In the Copper Glance on the extreme south a depth of 500 feet has been attained. They have just broken through the conglomerate, and have struck water, strongly impregnated with copper, along with a soft formation, the best condition they could possibly hope for. They do not expect ore in the shaft. They want the shaft in "country," but are drifting under Bald Mountain, which has the finest surface indications for copper we have ever seen.

The Shannon concentrating and smelting plants are working to the entire satisfaction of the management. In addition to the eighteen Frue vanners two improved Standard tables are being added as an experiment. A contract has also been made for eighteen more Frues, which will be running within a reasonable time. An Elspass mill for regrinding has been put in place and will soon be in operation. The briquetting plant is completed and was put into commission this week. Work will soon be commenced on the grade for a railroad above the concentrating plant, which will do away with the necessity of elevating the ore. A survey is also being made for a new outlet to Chase creek by which the steep grade from South Clifton to the plant will be avoided. The survey will run between the Catholic burying ground and Chase creek and will connect with the Coronado railroad at Longfellow, but may eventually be continued on to the mine. A store is under contemplation for the Shannon works, as well as at the mine. A considerable amount of building will be done on Anderson Heights this year. It is also probable that a trolley line will connect the plant with Clifton. From this time on the town of Clifton will receive a vast amount of benefit from the Shannon company, which is steadily increasing its force of men.—Copper Era.

Placer Mining Patent.

A patent has recently been granted to Henry M. Sutton, Walter L. Steele and Edwin G. Steele of Dallas, on a new process for dry placer mining. The gentlemen have a full plant erected and in operation near the Missouri, Kansas & Texas freight depot, just as it will appear when removed, as contemplated to extensive placer mines in Sonora, Mexico.

The principles employed are in many instances simply modifications of old and well-known features, but the whole system is an original idea, and the inventors have given practical demonstrations of its utility and the success of their efforts for several months. These trials were made in the vicinity of El Paso and on the claims referred to in Mexico.

The capacity of the plant which can be extended indefinitely, is from 400 to 500 tons of gravel per day, and its inventors claim that it will profitably work dirt that yields from 25c to 50c per cubic yard.

The general scheme of the system requires, first, that the dirt worked be perfectly dry. The gravel is first handled by a large auto movable excavator which has a capacity of about 750 tons per day. This is arranged on a crane-like apparatus and can be turned from side to side where it works as rapidly as straight ahead.

It passes the dirt back on an endless carrier to a coarse "jigger," a contrivance similar to a treadmill, which separates the coarses rocks and larger nuggets. The finer gravel is then carried to similar "jiggers" where the gravel passing over a series of reticulations as it is slowly carried upward is gradually thrown to one side and the finer particles blown away by an underneath air blast.

The heavier gold particles are unaffected by the blast and are gradually carried upward to a receptacle. In the meantime the waste or tailings is being carried on belt conveyors and deposited at a distance from the mill.

The plant will be operated for several days in its present location, where it is working with common gravel, simply to give an idea of its method, after which it will be taken apart for shipment, all parts of both plant and building being marked so that it can readily be fitted together on arrival at their destination.—Miner and Manufacturer, El Paso.

A novel exhibit has been proposed for the World's Fair, St. Louis, by H. S. Edmondson, of Victor, Colorado. His scheme is to put a mine, including shaft house, pay drifts, and everything in actual mining operation on the grounds, charging a small fee to go down the shaft and see what mining really is.

Notice of Application of German-American Mining Company for U. S. Patent.

Mineral Survey No. 1639.
M. A. 605.
UNITED STATES LAND OFFICE,
Prescott, Arizona,
March 30, 1903.

Notice is hereby given that in pursuance to the act of Congress, approved May 10, 1872, the German-American Mining Company, a corporation, duly organized under the laws of the Territory of Arizona, whose post office is Kingman, Arizona, with branch office at Los Angeles, California, has made application for a United States Patent, for the following lode mining claims, Mineral Survey No. 1639, all situate in a group, in the San Francisco mining district, County of Mohave, Territory of Arizona, as follows, to wit:

Pioneer, Treadwell Fraction, Treadwell, Harold, Commission, Hidden Treasure, Irving, Snowball, May Dickson, 35th Parallel, Dewey, Eleanor, Ben Hur, and Run Over.

Said claims are more particularly described as follows, to-wit:

PIONEER LODE.

Beginning at corner No. 1. N. E. corner of location, U. S. L. M. No. 1602, San Francisco mining district, Brs. N. 69 deg. E. 721 ft.

Corner No. 1. Treadwell Fraction lode, this survey, Brs. S. 18 deg. 45 min. E. 1590 ft,

Corner No. 1. Treadwell lode, this survey Brs. S. 18 deg. 35 min. 09 sec. E., 1724.25 ft.

Corner No. 1. 35th Parallel Lode, this survey, Brs. S. 15 deg. 34 min. 30 sec. E. 3213.4 ft.

Corner No. 1. Snowball and Run Over lodes, this survey, Brs. S. 45 deg. 32 min. 22 sec. W. 551.27 ft,

Corner No. 1. Eleanor lode, this survey Brs. N. 57 deg. 19 min. 42 sec. W. 1523.18 ft.

Corner No. 1. Ben Hur lode, this survey Brs. N. 68 deg. 04 min. 12 sec. W. 495.85 ft.

Corner No. 1, Dewey lode, this survey Brs. N. 0 deg. 35 min. 41 sec. W. 1278.8 ft.

Corner No. 1. Harold lode, and Commission lode, this survey Brs. S. 21 deg. 50 min. 58 sec. W. 1261.54 ft,

Corner No. 1, May Dickson lode, this survey, Brs. S. 89 deg. 09 min. 17 sec. W. 1655.18 ft.

Corner No. 1, Irving lode, this survey, Brs. S. 21 deg. 12 min. 33 sec. W. 1649.69 ft.

Corner No. 1. Hidden Treasure lode, this survey Brs. S. 24 deg. 14 min. 41 sec. W. 2240.98 ft;

Thence S. 71 deg. 15 min. W. 300 ft. to N. W. end center of plain, whence init. loc. mon. Pioneer lode Brs. S. 18 deg. 45 min. E. 617 ft; 600 ft. to corner No. 2, N. W. corner of location; thence S. 18 deg. 45 min. E. 750 ft. to post on W. center side line 1500 ft. to corner No. 3; identical with corner No. 2, Treadwell Fraction lode, this survey; thence N. 71 deg. 15 min. E. 300 ft. to S. E. end center of location, identical with N. W. end center Treadwell Fraction lode, this survey; 600 ft. to corner No. 4, identical with corner No. 1 Treadwell Fraction lode, this survey; thence N. 18 deg. 45 min. W. 750 ft. to post at E. side center, 1500 ft. to corner No. 1 and place of beginning. Course of lode from init. loc. mon. is, S. 18 deg. 45 min. E. 883 ft., and N. 18 deg. 45 min. W. 617 ft.

TREADWELL FRACTION LODE.

Beginning at corner No 1, identical with corner No 4, Pioneer lode, this survey U S L M No 1602, Brs N 6 deg 40 min 10 sec E 1602.38 ft; thence S 71 deg 15 min W 300 ft to N W end center of location, and S E end center of Pioneer lode, this survey; 600 ft to corner No 2, identical with corner No 3 Pioneer lode, this survey; thence S 18 deg 45 min E 179 ft to corner No 3; thence N 71 deg 15 min E 300 ft to S E end center, identical with N W end center Treadwell lode, this survey; whence init loc mon. Treadwell Fraction Brs N 8 deg 45 min W 127 ft; 600 ft to cor No 4. thence N 18 deg 45 min W 179 ft to corner No 1 and place of beginning. Course of lode from init loc mon is, S 18 deg 45 min E 127 ft and N 18 deg 45 min W 43 ft.

TREADWELL LODE.

Beginning at corner No 1, whence U S L M No 1602, Brs N 3 deg 53 min 57 sec E 1899.36 ft; thence S 81 deg 40 min W 300 ft to N W end center, identical with S E end center Treadwell Fraction, this survey; whence init loc mon Brs S 18 deg 45 min E 543 ft; 600 ft to corner No 2; thence S 18 deg 45 min E 543 ft to corner No 3, on S side line; thence S 8 deg 20 min E 957 ft to corner No 4 identical with corner No 2, 35th Parallel lode, this survey; thence N 81 deg 40 min E 300 ft to S E end center, identical with N W end center 35th Parallel lode, this survey; 600 ft to corner No 5, identical with corner No 4, N E corner 35th Parallel lode this survey; thence N 8 deg 20 min W 543 ft to corner No 1 and place of beginning. Course of ledge from init loc mon is N 18 deg 45 min W 543 ft and S 8 deg. 20 min E 957 ft.

35TH PARALLEL LODE.

Beginning at corner No 1, identical with corner No 5, Treadwell lode, this survey, U S L M No 1602 Brs N 3 deg 8 min 23 sec W 3360.98 ft; thence S 81 deg 40 min W 300 ft to N W end center, identical with S E end center Treadwell lode, this survey, whence init loc mon Brs S 8 deg 20 min E 125 ft; 600 ft to corner No 2, identical with corner No 4 Treadwell lode this survey; thence S 8 deg 20 min E 750 ft to W side center; 1500 ft to corner No 3; thence N 81 deg 40 min E 300 ft to S E end center; 600 ft to corner No 4; thence N 8 deg 20 min W 750 ft to E side center; 1500 ft to corner No 1, the place of beginning. Course of the ledge from init loc mon is S 8 deg 20 min E 1375 ft and N 8 deg 20 min W 125 ft.

SNOWBALL LODE.

Beginning at corner No 1, identical with corner No. 1, Run Over lode, this survey, whence U S L M No 1602, Brs N 58 deg 54 min 17 sec E 1252.09 ft; thence S 53 deg 40 min W 300 ft to S E end center, identical with N W end center, Run Over lode, this survey, whence init loc mon, Brs N 36 deg 20 min W 750 ft; 600 ft to corner No 2, identical with corner No 2 Run Over lode, this survey; thence N 36 deg 20 min W 750 ft to W side center; 1500 ft to corner No 3, identical with corner No 2, Eleanor lode this survey; thence N 53 deg 40 min E. 300 ft to N W end center, identical with S E end center, Eleanor lode, this survey; 600 ft to corner No 4, identical with corner No 1, Eleanor lode, this survey; thence S 36 deg 20 min E 750 ft to E side center; 1500 ft to corner No 1, and place of beginning. Course of the lode, from init loc mon is S 36 deg 20 min E 750 ft and N 36 deg 20 min W 750 ft.

ELEANOR LODE.

Beginning at corner No 1, identical with corner No 4 Snowball lode this survey, U S L M No 1602, Brs S 74 deg 00 min 55 sec E 2039.76 ft; thence S 53 deg 40 min W 300 ft to S E end center, identical with N W end center, Snowball lode, this survey; whence init loc mon Brs N 43 deg 32 min W 309 ft; 600 ft to corner No 2, identical with corner No 3, Snowball lode, this survey; thence N 43 deg 32 min W 750 ft to W side center; 1500 ft to corner No 3; thence N 53 deg 40 min E 300 ft to N W end center; 600 ft to corner No 4; thence S 43 deg 32 min E 750 ft to E side center; 1500 ft to corner No 1 and place of beginning. Course of the lode from init loc mon is N 43 deg 32 min W 1191 ft. and south 43 deg 32 min E 309 ft.

BEN HUR LODE.

Beginning at corner No 1, whence U S L M No 1602, Brs N 86 deg 12 min 51 sec E 1141.18 ft; thence S 71 deg 55 min W 300 ft to S E end center, whence init loc mon Brs N 18 deg 05 min W 750 ft; 600 ft to corner No 2; thence N 18 deg 05 min W 750 ft to W side center; 1500 ft to corner No 3; thence N 71 deg 55 min E 300 ft to N W end center; 600 ft to corner No 4; thence S 18 deg 05 min E 750 ft to E side center; 1500 ft to corner No 1, the place of beginning. Course of lode from init loc mon is S 18 deg 05 min W 750 ft and S 18 deg 05 min E 750 ft.

DEWEY LODE.

Beginning at corner No 1, whence U S L M No 1602, Brs S 34 deg 12 min 02 sec E 1231.08 ft; thence S 52 deg 20 min W 300 ft to S E end center, whence init loc mon Brs N 75 deg 35 min W 125 ft; 600 ft to corner No 2; thence N 75 deg 35 min W 125 ft to corner No 3; thence N 37 deg 40 min W 1375 ft to corner No 4; thence N 52 deg 20 min E 300 ft to N W end center; 600 ft to corner No 5; thence S 37 deg 40 min E 1375 ft to corner No 6; thence S 75 deg 35 min E 125 ft to corner No 1, the place of beginning. Course of the lode from init loc mon is S 75 deg 35 min E 125 ft and N 37 deg 40 min W 1375 ft.

HAROLD LODE.

Beginning at corner No 1, identical with corner No 1, Commission lode, this survey, whence U S L M No 1602, Brs N 38 deg 44 min 04 sec E 1835.07 ft; thence S 53 deg 40 min W 300 ft to N W end center identical with S E end center Commission lode, this survey, whence init loc mon, Brs S 36 deg 20 min E 750 ft; 600 ft to corner No 2, identical with corner No 2 Commission lode, this survey; thence S 36 deg 20 min E 750 ft to W side center; 1500 ft to corner No 3; thence N 53 deg 40 min E 300 ft to S E end center; 600 ft to corner No 4; thence N 36 deg 20 min W 750 ft to east side center; 1500 ft to corner No 1, the place of beginning. Course of the lode from init loc mon is S 36 deg 20 min E 750 ft and N 36 deg 20 min W 750 ft.

COMMISSION LODE.

Beginning at corner No 1, identical with corner No 1, Harold lode, this survey, whence U S L M No 1602, Brs N 38 deg 44 min 04 sec E 1835.07 ft; thence S 53 deg 40 min W 300 ft to S E end center identical with N W end center, Harold lode, this survey; whence init loc mon Brs N 36 deg 20 min W 587 ft; 600 ft to corner No 2, identical with corner No 2 Harold lode, this survey; thence N 36 deg 20 min W 750 ft to W side center; 1500 ft to corner No 3; thence N 53 deg 40 min E 300 ft to N W end center; 600 ft to corner No 4; thence S 36 deg 20 min E 750 ft to E side center; 1500 ft to corner No 1, place of beginning. Course of the lode from init loc mon is N 36 deg 20 min W 913 ft and S 36 deg 20 min E 587 ft.

RUN OVER LODE.

Beginning at corner No 1, identical with corner No 1, Snowball lode, this survey, U S L M No 1602, Brs N 58 deg 54 min 17 sec E 1252.09 ft; thence S 53 deg 40 min W 300 ft to N W end center, identical with S E end center, Snowball lode, this survey, whence init loc mon Brs S 36 deg 42 min 53 sec E 794 ft; 600 ft to corner No 2, identical with corner No 2 Snowball lode, this survey; thence S 36 deg 42 min 53 sec E 1354.04 ft to corner No 3; thence N 53 deg 40 min E 300 ft to S E end center; 600 ft to corner No 4; thence N 36 deg 42 min 53 sec W 1354.04 ft to corner No 1, the place of beginning. Course of the lode from init loc mon is S 36 deg 42 min 53 sec E 560.04 ft and N 36 deg 42 min 53 sec W. 794 ft.

MAY DICKSON LODE.

Beginning at corner No 1, whence U S L M No 1602, Brs N 83 deg 02 min 18 sec E 2351.05 ft; thence S 36 deg 50 min W 300 ft to S E end center and init loc mon; 600 ft to corner No 2; thence N 61 deg 10 min W 419.5 ft to W side center; 839 ft corner No 3; thence N 36 deg 50 min E 300 ft to N W end center; 600 ft to corner No 4; thence S 61 deg 10 min E 419.5 ft to E side center; 839 ft to corner No 1, the place of beginning. Course of the lode from init loc mon at S E end center, is N 61 deg 10 min W 839 ft.

IRVING LODE.

Beginning at corner No 1, whence U S L M No 1602, Brs N 35 deg 20 min 43 sec E 2204.89 ft; thence S 32 deg 37 min W 300 ft to S E end center, whence init loc mon Brs N 57 deg 23 min W 1139 ft; 600 ft to corner No 2; thence N 57 deg 23 min W 750 ft to W side center, identical with E side center Hidden Treasure lode, this survey; 1500 ft to corner No 3, identical with corner No 4, Hidden Treasure lode, this survey; thence N 32 deg 37 min E 300 ft to N W end center; 600 ft to corner No 4; thence S 57 deg 23 min E 750 ft to E side center; 1500 ft to corner No 1, the place of beginning, course of the lode from init loc mon is S 57 deg 23 min E 1139 ft, and N 57 deg 23 min W 361 ft.

HIDDEN TREASURE LODE.

Beginning at corner No 1, identical with corner No 2, Irving lode this survey, whence U S L M No 1602, Brs N 34 deg 45 min 41 sec E 2804.35 ft; thence S 32 deg 37 min W 452 ft to corner No 2; thence N 57 deg 23 min W 750 ft to W side center; 1500 ft to corner No 3; thence N 32 deg 37 min E 300 ft to N W end center; 452 ft to corner No 4, identical with corner No 3, Irving lode, this survey; thence S 57 deg 23 min E 750 ft to E side center, identical with W side center, Irving lode this survey; 1500 ft to corner No 1, the place of beginning. Course of the lode from init loc mon is N 57 deg 23 min W 775 ft and S 57 deg 23 min E 725 ft.

Magnetic variations at all corners of the Pioneer, Treadwell Fraction, Treadwell, 35th Parallel, Snowball, Eleanor, Ben Hur, Dewey, Harold, Commission, Irving, May Dickson, Run Over and Hidden Treasure, is 13 deg 55 min E.

ADJOINING CLAIMS.

Ben Doran lode, unsurveyed, claimed by W F Wilkenson, joins the Irving lode on the north west.

The Trio lode, unsurveyed, claimed by A. James, the Ben Hur on the east, the Dewey lode on the south, and the Pioneer lode on the north. There are no other adjoining claims.

AREA AND CONFLICTS.

Total area Pioneer lode,	20.661 A	
Less conflict with Lelah lode, unsurveyed	.047	
Net area Pioneer lode,		20.614 A.
Total net area Treadwell Fraction lode,		2.342 A.
Total area Treadwell lode,	20.538 A.	
Less conflict with Treadwell Fraction lode,	.184 A.	
Total net area Treadwell lode,		20.354 A.
Total net area 35th Parallel lode,		20.661 A.
Total area Harold lode,	20.661 A.	
Less conflict with Treadwell lode	2.261 A.	
Total net area Harold lode,		18.400 A.
Total net area Commission lode		20.661 A.
Total area Snowball lode,	20.661 A.	
Less conflict with Pioneer lode,	.398 A.	
Less conflict with Commission lode,	1.546 A.	
Total net area Snowball lode,		18.717 A
Total net area Eleanor lode,		20.498 A.
Total area Run Over lode,	18.388 A.	
Less conflict with Pioneer lode	5.304 A.	
Treadwell Fraction lode,	.832 A.	
Harold lode,	4.662 A.	
Commission lode,	5.665 A.	
Total net area Run Over lode,		5.325 A.

Note:—The over lap of Treadwell lode into Run Over lode is .89 square feet, and as this has no practical value when expressed in acres I have omitted the same.

Total area Ben Hur lode,	20.661 A.	
Less conflict with Snowball lode,	3.123 A.	
Eleanor lode,	.007 A.	
Trio lode, unsurveyed,	2.693 A.	
Total net area Ben Hur lode,		14.838 A.
Total area Dewey lode,	20.298 A.	
Less conflict with Ben Hur lode,	.905 A.	
Total net area Dewey lode,		19.393 A.
Total area Irving lode,	20.661 A.	
Less conflict with Harold lode	1.548 A.	
Commission lode,	1.136 A.	
Total area net Irving lode,		17.977 A.
Total and net area Hidden Treasure lode,		15.909 A.
Total area May Dickson lode,	11.556 A.	
Less conflict with Commission lode,	.014 A.	
Total net area May Dickson lode,		11.542 A.
Total net area lode claim,		228.231 A.

Any and all persons claiming adversely any portion of said above described ground are required to file their adverse claims with the Register of the United States Land Office at Prescott, in the Territory of Arizona, during the sixty days period of publication thereof, or they will be barred by provisions of the statute.

FEN S. HILDRETH,
Register.

First publication April 4, 1903.
Last publication June 6.

R. L. HORTON,
Los Angeles, Cal.,
Attorney for Applicant.